UNITED STATES DEPARTMENT OF COMMER United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

6449

7590

10/03/2006

ROTHWELL, FIGG, ERNST & MANBECK, P.C. 1425 K STREET, N.W. SUITE 800 WASHINGTON, DC 20005

EXAMINER

TATE, CHRISTOPHER ROBIN

ART UNIT

PAPER NUMBER

1655

DATE MAILED: 10/03/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/690,628	10/23/2003	Jacqueline J. Shan	2968-204	5928

TITLE OF INVENTION: PROCESSES OF MAKING NORTH AMERICAN GINSENG FRACTIONS, PRODUCTS CONTAINING THEM, AND USES

AS IMMUNOMODULATORS

APPLN. TYPÉ	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	01/03/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required), Blocks 1 through 5 should be completed with

indicated unless correct maintenance fee notific	ted below or directed ot	herwise in Block 1, by (a) specifying a new corre	spondence address;	Il be mailed to the current and/or (b) indicating a sepa	rate "FEE ADDRESS" fo	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fec(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mushave its own certificate of mailing or transmission.			
6449	7590 10/03	3/2006	na v		-		
ROTHWELL, FIGG, ERNST & MANBECK, P.C 1425 K STREET, N.W. SUITE 800 WASHINGTON, DC 20005			I he Stal add tran	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.			
WASIIIIIIIIII	1, DC 20003					(Depositor's name)	
				·		(Signature)	
					<u> </u>	(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/690,628	10/23/2003		Jacqueline J. Shan		2968-204	5928	
TITLE OF INVENTION AS IMMUNOMODULA	N: PROCESSES OF MA ATORS	KING NORTH AMERI	CAN GINSENG FRACTI	ONS, PRODUCTS	CONTAINING THEM, AN	ID USES	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	YES	\$700	\$300	\$0	\$1000	01/03/2007	
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
TATE, CHRIST	OPHER ROBIN	1655	424-728000				
1. Change of correspond CFR 1.363).	ence address or indicatio	n of "Fee Address" (37	2. For printing on the p				
	ondence address (or Cha	nge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of un to				
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	THE PATENT (print or type	e)			
PLEASE NOTE: Un recordation as set fort	less an assignee is ident h in 37 CFR 3.11. Com	ified below, no assignee	data will appear on the part of the part o	atent. If an assigned	e is identified below, the do	cument has been filed for	
(A) NAME OF ASSI			(B) RESIDENCE: (CITY	_	OUNTRY)		
•					•		
Disease should the service	e.a. e a						
Please check the appropr	tate assignee category or	categories (will not be pr	inted on the patent):	Individual	poration or other private gro	up entity Government	
4a. The following fee(s) Issue Fee	are submitted:	41	D. Payment of Fee(s): (Plead A check is enclosed.	se first reapply any	previously paid issue fee s	hown above)	
Publication Fee (N	lo small entity discount p	ermitted)	Payment by credit car	d. Form PTO-2038 i	is attached.		
Advance Order - i	# of Copies		The Director is hereby	authorized to charge	the required fee(s), any def	iciency, or credit any	
5. Change in Entity Sta	tus (from status indicated	i above)	e verpayment, to Depo	Trecount Trumper	(chelose an	rexua copy of this form).	
	s SMALL ENTITY statu		☐ b. Applicant is no long	ger claiming SMALL	ENTITY status. See 37 CF	R 1.27(g)(2).	
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if requeecords of the United Sta	nired) will not be accepted tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a regist	ered attorney or agent; or the	e assignee or other party in	
Authorized Signature				Date			
Typed or printed name	e	<u> </u>			·		
This collection of inform an application. Confident submitting the complete this form and/or suggesti Box 1450, Alexandra, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 I application form to the ons for reducing this bur irginia 22313-1450. DO 13-1450.	FR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain or r 1.14. This collection is est depending upon the indive Chief Information Office COMPLETED FORMS TO	etain a benefit by the mated to take 12 mi idual case. Any com r, U.S. Patent and Tr O THIS ADDRESS.	public which is to file (and nutes to complete, including ments on the amount of tim ademark Office, U.S. Depai SEND TO: Commissioner for applays a valid OMB control in	by the USPTO to process) gathering, preparing, and the you require to complete rtment of Commerce, P.O. or Patents, P.O. Box 1450,	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	APPLICATION NO. FILING DATE FIRST		ATTORNEY DOCKET NO.	CONFIRMATION NO
10/690,628	10/23/2003	Jacqueline J. Shan	2968-204	5928
6449	7590 10/03/2006	EXAMINER TATE, CHRISTOPHER ROBIN		
ROTHWELL, F	IGG, ERNST & MAN			
1425 K STREET,	N.W.	•	ART UNIT	PAPER NUMBER
SUITE 800 WASHINGTON,	SUITE 800 WASHINGTON, DC 20005			5

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 445 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 445 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.